

9D-DW-19776
PATENT

IN THE CLAIMS

1. (currently amended) A fine filter assembly for a dishwasher, said fine filter assembly comprising a filter body comprising an inlet and an outlet, said inlet located substantially adjacent said outlet, said outlet comprising a drain tube coupled to a drain line, said drain line including a fluid column generating a pressure to counterbalance an operating pressure in said fine filter assembly, said inlet and said outlet proximate an outer perimeter of said filter body, and an extended flow path joining said inlet and said outlet.

2. (previously presented) A fine filter assembly in accordance with Claim 1 further comprising a sloped flow path extending between said inlet and said outlet.

3. (original) A fine filter assembly in accordance with Claim 2 wherein said body comprises a circular outer perimeter, said flow path extending substantially 360 radial degrees around said outer perimeter.

4. (previously presented) A fine filter assembly in accordance with Claim 3 said flow path substantially helical between said inlet and said outlet.

5. (previously presented) A fine filter assembly in accordance with Claim 1 wherein said drain tube is in flow communication with a drain pump suction inlet.

6. (previously presented) A fine filter assembly in accordance with Claim 2, said flow path wider at said outlet than at said inlet.

7. (original) A fine filter assembly in accordance with Claim 1 further comprising a filter screen disposed over a top of said filter body.

8. (original) A filter assembly in accordance with claim 1 wherein said filter body is bowl-shaped.

9D-DW-19776
PATENT

9. (previously presented) A fluid circulation assembly for a dishwasher system, said fluid circulation assembly comprising:

a main pump assembly;

a drain pump assembly in flow communication with said main pump assembly;

a fine filter assembly in flow communication with said main pump assembly and with said drain pump assembly, said fine filter assembly comprising a filter body comprising an inlet and an outlet, said outlet comprising a drain tube, said inlet and said outlet located substantially adjacent one another and proximate an outer perimeter of said filter body, and

a check valve in flow communication with said drain tube to regulate flow therethrough.

10. (previously presented) A fluid circulation assembly in accordance with Claim 9 further comprising a sloped flow path extending between said inlet and said outlet.

11. (original) A fluid circulation assembly in accordance with Claim 10 wherein said body comprises a circular outer perimeter, said flow path extending substantially 360 radial degrees around said outer perimeter.

12. (previously presented) A fluid circulation assembly in accordance with Claim 11, wherein said flow path is substantially helical between said inlet and said outlet.

13. (original) A fluid circulation assembly in accordance with Claim 12, said body further comprising a weir extending from said outer perimeter.

14. (previously presented) A fluid circulation assembly in accordance with Claim 9, wherein said check valve inhibits flow through said drain tube when said main pump is energized.

9D-DW-19776
PATENT

15. (original) A fine filter assembly in accordance with Claim 9 further comprising a filter screen disposed over a top of said filter body.

16. (original) A filter assembly in accordance with claim 9 wherein said filter body is bowl-shaped.

17. (previously presented) A dishwasher system comprising:

a tub comprising a sump portion;

a fluid circulation assembly in flow communication with said sump portion, said fluid circulation assembly including a fine filter assembly, said fine filter assembly comprising a filter body comprising an inlet and an outlet, said inlet and said outlet located substantially adjacent one another and proximate an outer perimeter of said filter body; and

a pressure relief tube in flow communication with said fine filter assembly to inhibit a pressure within said fine filter assembly from exceeding a predetermined pressure.

18. (previously presented) A fluid circulation assembly in accordance with Claim 17 further comprising a check valve in flow communication with said outlet to regulate flow therethrough.

19. (previously presented) A fluid circulation assembly in accordance with Claim 17 wherein said body comprises a circular outer perimeter, said body defining a flow path extending substantially 360 radial degrees around said outer perimeter.

20. (previously presented) A fluid circulation assembly in accordance with Claim 19 wherein said flow path is substantially helical.